

# OIL PREHEATER FOR A COMBUSTION SYSTEM

## Abstract

A device and method of preheating oil in a combustion system that uses a heated liquid to convey heat energy to oil. The device is made of a thermally conductive material which has a passage-way for oil and a passageway for a heated liquid. Heat energy from the heated liquid conductively transfers to the oil within the device. This method of preheating oil for combustion eliminates carbon creation and minimizes oil preheat temperature fluctuations thereby significantly lowering the cost and maintenance to operate a multi oil combustion system.